

CALCM

| <u>COLS</u> | <u>FIELD NAME</u> | <u>FORMAT</u> |
|-------------|--------------------------------------|---------------|
| 1-2 | ship | A2 |
| 3-5 | cruise number | I3 |
| 6-8 | time zone | I3 |
| 10-13 | year | I4 |
| 15-16 | day | I2 |
| 17-18 | month | I2 |
| 20-25 | time of day (GMT as HHMM.T) | F6.1 |
| 20-21 | hour | I2 |
| 22-25 | minute and tenths of minute | F4.1 |
| 26-32 | latitude (decimal degrees) | F7.4 |
| 33-40 | longitude (decimal degrees) | F7.4 |
| 42-47 | observed magnetic value (gammas) | F6.0 |
| 48-53 | regional magnetic value (gammas) | F6.0 |
| 54-58 | magnetic anomaly (gammas) | I5 |
| 59-61 | altitude | F3.1 |
| 62-68 | distance along track (kilometers) | F7.2 |
| 70-72 | ship's heading (degrees) | I3 |
| 73-76 | ship's speed (knots) | I4 |
| 77-83 | 2nd observed magnetic value (gammas) | F6.0 |
| 84-91 | separation distance (meters) | F6.2 |
| 92-106 | gradient (gammas/km) | E15.7 |

SHIP is a 2-character ASCII abbreviation for the name of the ship.

CRUISE NUMBER is the leg number of the cruise.

If two magnetometers were deployed, SEPARATION DISTANCE is the distance in meters between the magnetometers.